

### REMARKS

Claims 5 and 6 were objected to for including informalities. The informality in each claim is corrected by amendment. The objection is believed to have been rendered moot.

With the amendments, allowable claims 10, 16 and 22 are re-written in independent form, placing claims 10, 11, 16-18 and 22 in condition for allowance. New claim 23 is presented. It is directed to a photonic crystal defect structure. It is believed allowable for at least the reasons that claim 16 is allowable. Certain dependent claims have been amended to depend from claim 16. These new claims define a laser that is neither disclosed nor suggested by the art.

For all of the above reasons, the case is now believed to be in condition for allowance. Notice of the same is requested. If the examiner has any question, or would like to discuss the case, the examiner is invited to contact the undersigned attorney at the below-listed number.

Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

By



Steven P. Fallon

Registration No. 35,132

October 19, 2005

300 South Wacker Drive, Suite 2500  
Chicago, Illinois 60606  
(312) 360-0080  
Customer No. 24978